

## Paint gun incorporating a laser device

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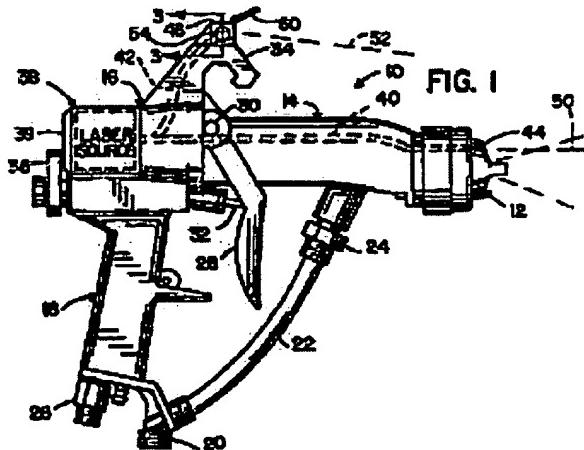
- US5857625 (A1)
- CA2246123 (A1)
- EP0990468 (B1)
- AU759365 (B2)

**Cited documents:**

- US5598972
  - US4934086
  - US4444495
  - EP0115710
  - EP0211372
- more >

### Abstract of EP0990468

A spray gun (10) for applying a liquid spray coating, such as paint, to a surface incorporates a light source system for gauging the position of the spray gun relative to a worksurface in order to optimize application of the coating to the surface. The light source (38) is preferably in the form of a laser which emits a pair of light beams (50,52) toward the worksurface. The pair of light beams converge toward each other in a direction toward the surface, and the position of the beams on the surface is used by the operator to judge the distance of the spray gun from the surface. An adjustment mechanism (54) is interconnected with one of the light beam sources, so as to adjust the point of convergence of the light beams. A closable door (60) is associated with the spray gun housing at one of the light beam emitting locations, to selectively prevent emission of one of the light beams from the spray gun, such that a single light beam (50) is emitted from the spray gun for use as a reference for spot application of the coating to the surface.



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## FARBSPRITZPISTOLE MIT EINER LASERVORRICHTUNG

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Abstract not available for AT258466T

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